

Focus Area 26: Substance Abuse

Objective 26-3 targets an overall reduction in the drug-induced death rate to 1.2 per 100,000 population.

California's drug-induced death rates increased significantly from 8.2 per 100,000 population in 2000 to 10.2 per 100,000 in 2004 (Figure 26-3, Table 26-3). These rates are significantly higher than the HP2010 target, and the drug-induced death rates for the total population are increasing away from the objective.

Drug-induced death rates for males increased from 11.1 per 100,000 in 2000 to 12.6 per 100,000 in 2004, but this was not a statistically significant trend. Death rates for females did increase significantly from 5.3 per 100,000 in 2000 to 7.7 per 100,000 in 2004. The HP2010 objective is not being achieved for either males or females as of 2004.

Data by race and ethnicity show that the highest drug-induced death rates were found for African Americans/Blacks (15.9 per 100,000 in 2004). The next highest drug-induced death rates were found for Whites, whose rates increased significantly from 10.6 per 100,000 in 2000 to 14.6 per 100,000 in 2004. Age-adjusted death rates for American Indians/Alaska Natives were the third highest (14.4 per 100,000 in 2004), followed by the Multirace population (6.2 per 100,000 in 2004), Hispanics/Latinos (5.9 per 100,000 in 2004), and Asians (1.5 per 100,000 in 2004). The HP2010 objective is not being achieved for any of these racial or ethnic populations as of 2004. Drug-induced death rates for the Pacific Islander population were unreliable due to the small number of events and are not reported here.

For more information on drug-induced deaths in California, visit the Department of Alcohol and Drug Programs Web site at:

<http://www.adp.cahwnet.gov/>

For more information on Healthy People 2010 objective 26-3, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/26Substance.htm#_Toc489757839

and

<http://www.healthypeople.gov/Document/html/tracking/od26.htm#adverseconseq>

Figure 26-3
Drug-Induced Death Rates
California, 2000-2004

Healthy People 2010 Objective = 1.2

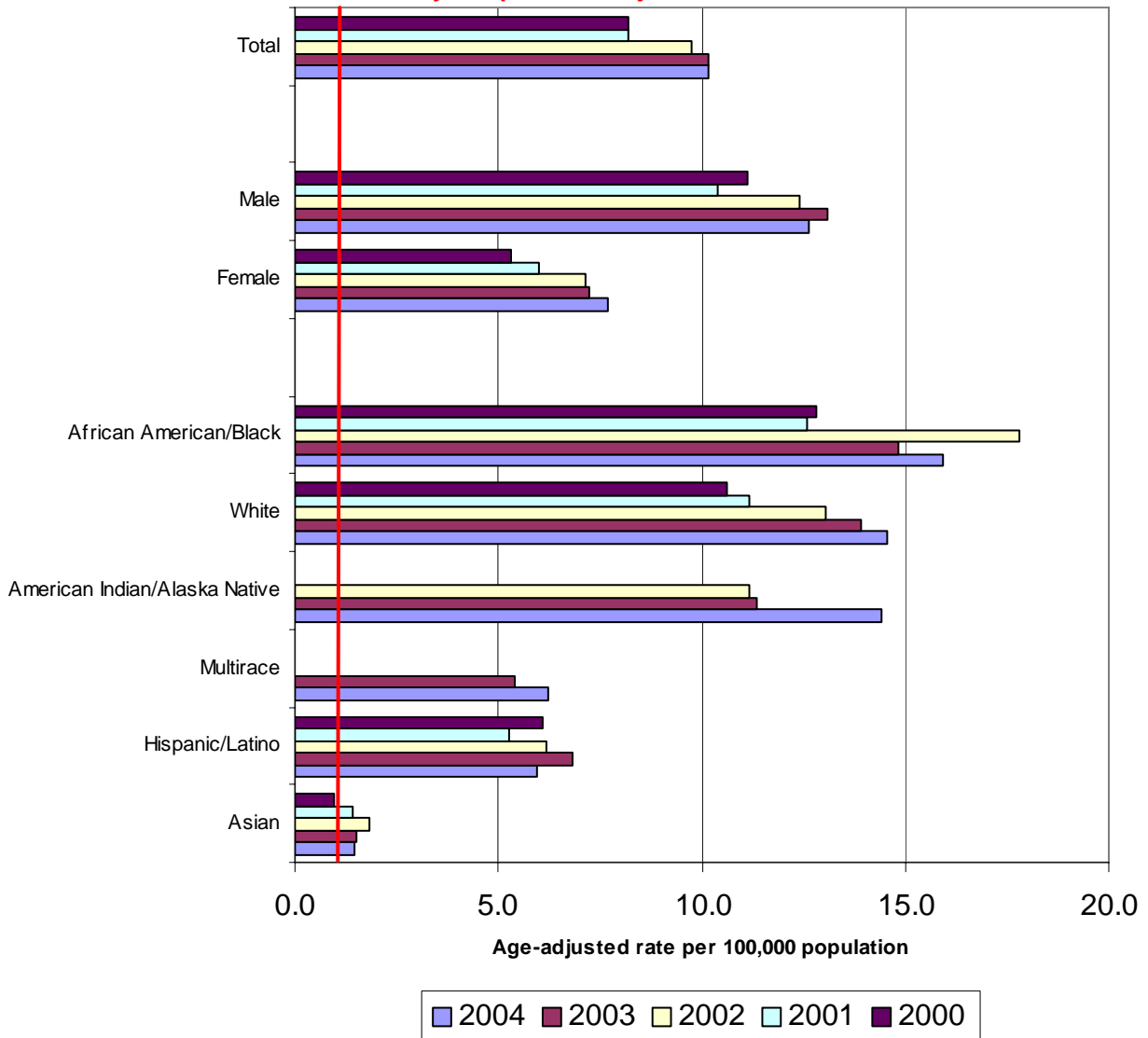


Table 26-3: Drug-Induced Deaths and Death Rates, California 2000-2004

Objective 26-3	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		1.2				1.2		
Statewide Total	2,736	8.2	7.9	8.5	2,797	8.2	7.9	8.5
Race-Ethnicity								
African American/Black	275	12.8	11.3	14.3	274	12.6	11.1	14.1
American Indian/Alaska Native	15	DSU	-----	-----	20	DSU	-----	-----
Asian	37	1.0	0.6	1.3	56	1.4	1.0	1.8
Hispanic/Latino	549	6.1	5.5	6.6	494	5.2	4.8	5.7
Pacific Islander	0	0.0	0.0	0.0	5	DSU	-----	-----
White	1,847	10.6	10.1	11.1	1,940	11.1	10.6	11.6
Multirace	10	DSU	-----	-----	5	DSU	-----	-----
Gender								
Female	890	5.3	5.0	5.7	1,029	6.0	5.6	6.4
Male	1,846	11.1	10.6	11.6	1,768	10.4	9.9	10.9

Objective 26-3	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		1.2				1.2		
Statewide Total	3,397	9.7	9.4	10.1	3,612	10.2	9.8	10.5
Race-Ethnicity								
African American/Black	405	17.8	16.0	19.5	348	14.8	13.3	16.4
American Indian/Alaska Native	25	11.2	6.4	16.0	30	11.3	7.3	15.4
Asian	73	1.9	1.4	2.3	64	1.5	1.2	1.9
Hispanic/Latino	606	6.2	5.7	6.7	703	6.8	6.3	7.3
Pacific Islander	4	DSU	-----	-----	5	DSU	-----	-----
White	2,269	13.1	12.5	13.6	2,428	13.9	13.3	14.5
Multirace	12	DSU	-----	-----	28	5.4	3.4	7.5
Gender								
Female	1,247	7.1	6.7	7.5	1,295	7.3	6.9	7.6
Male	2,150	12.4	11.9	12.9	2,317	13.1	12.6	13.6

Objective 26-3	2004		Lower	Upper	5-year	HP2010 Objective
	N	Rate ¹	95% C.I.	95% C.I.	Trend	Being Achieved?
Healthy People 2010 Target		1.2				
Statewide Total	3,684	10.2	9.8	10.5	Sig. +	No
Race-Ethnicity						
African American/Black	382	15.9	14.3	17.5	ns	No
American Indian/Alaska Native	40	14.4	9.9	18.9	n/a	No
Asian	63	1.5	1.1	1.8	ns	No
Hispanic/Latino	643	5.9	5.4	6.4	ns	No
Pacific Islander	7	DSU	-----	-----	n/a	Unk
White	2,510	14.6	14.0	15.1	Sig. +	No
Multirace	32	6.2	4.0	8.4	n/a	No
Gender						
Female	1,398	7.7	7.3	8.1	Sig. +	No
Male	2286	12.6	12.1	13.1	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Drug-induced deaths defined by ICD-10 codes F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, California Department of Health Services Healthy California 2010

F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F17.0-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, X40-X44, X60-X64, X85, Y10-Y14.

The following 37 ICD-10 codes were added in 2003: D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2, J70.3, J70.4, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R78.1, R78.2, R78.3-R78.5.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).

Sig. + Statistically significant increase in age-adjusted death rates between 2000 - 2004.